

List of New Course(s) Introduced

Department: Anthropology and Tribal Development

Program Name : B.A./B.Sc

Academic Year: 2020-21

List of New Course(s) Introduced

Sr. No.	Course Code	Name of the Course
35.	LS/ANT/C 511L	Human Population Genetics
36.	LS/ANT/C 511P	Practical on Human Population Genetics
37.	LS/ANT/C 512L	Anthropology in Practice
38.	LS/ANT/C 512P	Practical on Anthropology in Practice
39.	LS/ANT/DSE 501A (L)	To be chosen from available DSE papers
40.	LS/ANT/DSE 501A (P)	Practical based on DSE-1
41.	LS/ANT/DSE 502B (L	To be chosen from available DSE papers*
42.	LS/ANT/DSE 502B (P)	Practical based on DSE-2
43.	LS/ANT/C 613L	Applied Biological Anthropology
44.	LS/ANT/C 613P	Practical on Applied Biological Anthropology
45.	LS/ANT/C 614L	Indian Anthropology
46.	LS/ANT/C 614P	Practical on Indian Anthropology
47.	LS/ANT/DSE 603A (L)	To be chosen from available DSE papers
48.	LS/ANT/DSE 603A (P)	Practical based on DSE-3

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विभागायार/H.O.D.
मानव विधान एवं यनजातीय विकास विभाग
Department of Anthropology & T.D.
त्वा भागीत्वार विकासियार्ग, विकास (च.स.)
Guiu Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Criteria - I (1.2.1)

New Course Introduced

The meeting ended with thanks to the Chair.

Prof. G.K Chakrabarti
External Expert Member
Nominated by HVC

Dr. Subal Das Member

Minutes of Meetings (MoM) of Board of Studies (BoS)

Academic Year: 2020-21

: School of Studies in Life Sciences **School**

Department: Anthropology and Tribal Development

Date and Time: October 26, 2021-10:30AM to 4:00 PM

:E-Class Room Venue

Department of Anthropology and Tribal Development

Sub: Minutes of the BoS meetingfor BA/B.Sc and MA and M.Sc syllabus.

The BoS approved CBCS based BA/B.Sc and CBCS based MA and M.Sc syllabus are submitted for onward action. The BoS of the department was organised on 26.10.2021 through online mode. The HVC nominee joined online and gave couple of feedback as per the CBCS needs to improve the existing syllabus. Accordingly, the syllabus were revised and approved in the BoS of the department

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Members:

. Prof Jagannath Das Prof of Anthropology Utkal University Bhubaneswar

Odisha

HVC Nominee Mr. Balaram Oraon

Assistant Professor Dept of Anthropology and tribal Development

GGV, Bilaspur Member

Dr.Nilakantha Panigrashi

Associate Professor Dept of Anthropology and Tribal Development

GGV, Bilaspur

Member

4 Dr. Nilakantha Panigrashi

Associate Professor Dept of Anthropology and Tribal Development

GGV, Bilaspur HoD and Chairman of BoS ori) arrany

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Signature & Seal of HoD

New Course Introduced

The meeting ended with thanks to the Chair. CIR CONSONONA. Prof. G.K Chakrabarti External Expert Member Nominated by HVC

Dr. Subal Das Member

Dr. N. Panigrahiobis Chairman, Bos

Criteria - I (1.2.1)



Guru Ghasidas Vishwavidyalaya

(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)

Koni, Bilaspur - 495009 (C.G.)

Scheme and Syllabus

	Elective - Practical	401P			
	Skill	LS/ANT/SEC-	To be chosen from available		
	Enhancement Course (SEC - 2)	402	SEC papers^	4*	2 (4)
	2)		TOTAL	28	34
SUMMER Internship: 15 days (optional)			Swayam/SwachhtaAbhiyan/ NSS / Industrial/ others	2	100
		LC/ANT/C	Human Banulation Counties		
	Core-11	LS/ANT/C- 511L	Human Population Genetics	4	4
	Core -11 Practical	LS/ANT/C- 511P	Practical on Human Population Genetics	2	4
	Core -12	LS/ANT/C- 512L	Anthropology in Practice	4	4
	Core -12 Practical	LS/ANT/C- 512P	Practical on Anthropology in Practice	2	4
	Discipline	LS/ANT/DSE-	To be chosen from available		
	Specific	501A (L)	DSE papers*	4	4
V	Elective (DSE- 1)			4	4
	DSE-1 - Practical	LS/ANT/DSE- 501A (P)	Practical based on DSE-1	2	4
	Discipline	LS/ANT/DSE-			
	Specific	502B (L)	To be chosen from available	4	4
	Elective (DSE- 2)		DSE papers*	-	
	DSE-2 - Practical	LS/ANT/DSE- 502B (P)	Practical based on DSE-2	2	4
			TOTAL	24	32
	Core-13	LS/ANT/C- 613L	Applied Biological Anthropology	4	4
	Core -13	LS/ANT/C-	Practical on Applied Biological	2	4
	Practical	613P	Anthropology	2	4
	Core -14	LS/ANT/C- 614L	Indian Anthropology	4	4
VI	Core -14	LS/ANT/C-	Practical on Indian	2	4
	Practical	614P	Anthropology	2	7
	Discipline	LS/ANT/DSE-	To be chosen from available		
	Specific Elective (DSE-	603A (L)	DSE papers*	4	4
	3)				
	DSE-3 - Practical	LS/ANT/DSE- 603A (P)	Practical based on DSE-3	2	4

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मानव शिशान एवं जनजातीय विकास विभाग
Department of Anthropology & T.D.
तृत्व धारोबित विकारितालेव, विकारत प्रितालक्ष्म (ध.न.)
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New Course Introduced

Criteria - I (1.2.1)

Prof. G.K Chakrabarti External Expert Member Nominated by HVC Dr. Subal Das Member



DEPARTMENT OF ANTHROPOLOGY & TRIBAL DEVELOPMENTGURU GHASIDAS VISHWAVIDYALAYA, BILASPUR Chhattisgarh

OUTCOME OF THE UG HONORS SYLLABUS

- (i) The students will have a fundamental and systematic or coherent understanding of the academic field of Anthropology, its different branches and applications, and its linkages with related disciplinary areas/subjects;
- (ii) The students will have knowledge that creates different types of professionals related to the disciplinary/subject area of Anthropology, including professionals engaged in research and development, teaching and government/public services;
- (iii) A skillful group of students with different specializations of Anthropology and emerging developments in the field of Anthropology will be available in themarket.
 - Students will demonstrate the ability to use the knowledge of Anthropology in formulating and tackling Anthropology-related problems and identifying and applying appropriate anthropological principles and methodologies to solve a wide range of problems associated with human society.
 - All the stakeholders including the students will recognize the importance of qualitative as well as quantitative data and approaches/methods in comprehending the human society.
 - Students will plan and execute Anthropology-related experiments or field investigations, analyze and interpret data/information collected using appropriate methods, including the use of appropriate software such as programming languages and report accurately the findings of the experiment/field investigations while relating to the conclusions/findings to relevant theories of Anthropology.

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Department of Anthropology 8. T.D.
कुम सार्वीक्षण विकारिताविष, विकारिताविष, विकारिताविष, विकारिताविष, विकारिताविष, विकारिताविष, विकारिताविष, विकारिताविष,

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Dr. Subal Das Member



- The students will demonstrate relevant generic skills and global competencies such as:
- > Students will possess problem solving skills that are required to solve different
- types of Anthropology-related problems with well-defined solutions, and openended problems that may cross disciplinary-area boundaries.

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New Course Introduced Criteria – I (1.2.1)

The meeting ended with thanks to the Chair.

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Prof. G.K Chakrabarti
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Dr. Subal Das Member

B.A./B.Sc. VSemester

Human Population Genetics

Paper Code: LS/ANT/C-511L

Credit-4

Unit I. Essentials of Genetics

Landmarks in the history of genetics, principles in human genetics, Mendelian inheritance (single factor and multifactorial inheritance, polygenic inheritance), Non- Mendelian inheritance (multiple allelism, Co-dominance; sex linked, epistasis; penetrance and expressivity; Cytoplasmic inheritance).

Unit II. Ecological Genetics and Polymorphism

Phenotypic & genotypic polymorphisms, transient polymorphism, balanced polymorphisms,

Unit III: Hardy-Weinberg principle

Genotypic and allelic frequencies, assumptions of Hardy-Weinberg equilibrium, its applications and exceptions

Unit IV: Mechanism for dynamics in Gene Frequency

Mutation, selection (pattern and mechanism), Genetic drift (bottle neck and founder effect), Gene flow/migration, inbreeding (inbreeding co-efficient and its genetic consequences)

Unit V: Population structure and admixture in human populations

Random & non-random mating (positive and negative assortative mating), heritability, linkage disequilibrium, genetic markers utility of genetic markers in forensic, population and disease association studies, Epistasis.

Suggested Readings

- 1. Brooker R.J. (2012). Genetics: analysis & principles. The McGraw-Hill Companies, Inc 4th ed.
- 2. Cavalli-Sforza, L.L. and Bodmer, W.F (1971). The Genetics of Human Population. San Francisco: Freeman
- 3. Cooper DN and Kehrer-Sawatzki H. (2008). Handbook of Human Molecular Evolution. John Wiley & Sons, volume-2.
- 4. Crawford MH (2007). Anthropological Genetics Theory, Methods and Applications. Cambridge University Press
- 5. Cummings M.R. (2011). Human Heredity: Principles and Issues. Ninth Edition. Brooks/Cole, Cengage Learning
- 6. Jobling, M.A. Hurls M. and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. GS. NY
- 7. Lewis R. (2009). *Human Genetics: Concepts and Applications* 9th Edition. The McGraw-Hill Companies, Inc.
- 8. Patch C. (2005). Applied Genetics in Healthcare. Taylor & Francis Group
- 9. Relethford J.H. (2012). Human Population Genetics. Wiley-Blackwell, USA
- 10. Snustad .D.P. and Simmons M.J. (2006). *Principles of Genetics*, Fourth Edition, John Wiley & Sons USA, Hoboken NJ

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श्रीका Chasilta (संस्तार (ध.म.)

New Course Introduced Criteria – I (1.2.1)

Prof. G.K Chakrabarti
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Dr. Subal Das Member Dr. N. Panigrahl

B.A./B.Sc. VSemester

Practical on Human population Genetics

Paper Code: LS/ANT/C-511P Credit- 2

Practical Credit-2

- 1. Blood group typing-A1, A2, B, O, MN and Rh (D) blood groups
- 2. Color Blindness
- 3. Glucose-6-phosphate dehydrogenase deficiency(G6PD)
- 4. PTC tasting ability
- 5. Biochemical markers-DNA isolation and polymerase chain reaction (PCR)

Suggested Readings

- 1. Brooker R.J. (2012). Genetics: analysis & principles. The McGraw-Hill Companies, Inc 4th ed.
- 2. Cavalli-Sforza, L.L. and Bodmer, W.F (1971). The Genetics of Human Population. San Francisco: Freeman
- 3. Cooper DN and Kehrer-Sawatzki H. (2008). Handbook of Human Molecular Evolution. John Wiley & Sons, volume-2.
- 4. Crawford MH (2007). Anthropological Genetics Theory, Methods and Applications. Cambridge University Press
- 5. Cummings M.R. (2011). Human Heredity: Principles and Issues. Ninth Edition. Brooks/Cole, Cengage Learning
- 6. Jobling, M.A. Hurls M. and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. GS. NY
- 7. Lewis R. (2009). *Human Genetics: Concepts and Applications* 9th Edition. The McGraw-Hill Companies, Inc.
- 8. Patch C. (2005). Applied Genetics in Healthcare. Taylor & Francis Group
- 9. Relethford J.H. (2012). Human Population Genetics. Wiley-Blackwell, USA
- 10. Snustad .D.P. and Simmons M.J. (2006). *Principles of Genetics*, Fourth Edition, John Wiley & Sons USA, Hoboken NJ
- 11. Strachan T, Read A.P. (2004). *Human Molecular Genetics*. Garland Science/Taylor & Francis Group.
- 12. Vogel F. and Motulsky A.G. (1996). Human Genetics. Springer, 3rd revised edition.

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New Course Introduced Criteria – I (1.2.1)

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Dr. Subal Das Member

B.A./B.Sc. V Semester

Anthropology in Practice

Paper Code: LS/ANT/C-512L

Credit-4

Unit I: Academic Anthropology

Academics and Practitioners: Differences, Structure, Activities, Controversies and Issues: Applied Anthropology, Action Anthropology and Development Anthropology.

Unit II: Role of Anthropology in Development

Anthropology and Public Policy, Need Assessment and Community Development, Anthropology of NGO's, Management Anthropology, Environment and Community Health, Social and economic sustainability, Cultural resource management

Unit III: Future Dynamics in Anthropology

Trends in Anthropology: Anthropology of Tourism, Anthropology In Census; Designing And Fashion, Visual Anthropology

Unit IV: Constitutional Perspective and Human Rights

Constitutional Provisions, Evaluation, Planning and Development of Indian Populations; Human Rights, Interrelationships of rights and duties: Harmony and Conflict, Protection and enforcement of human rights and duties, National and State Human Rights Commission and other grievance redressal mechanism, Human rights of special category and marginal groups, Emerging trends of human rights respective to terrorism, environment and globalization

Unit V: Biosocial anthropology in practice

Bio-social elements of human development at national and international level, application of conceptual framework of Forensic Anthropology in judicial settings both criminal and civil, Population Dynamics and relationship between population growth and various aspects of culture such as means of subsistence, kinship, social

Suggested Readings

- 1. Arya A and Kapoor AK. (2012). Gender and Health Management in Afro-Indian Global Vision Publishing House, New Delhi.
- 2. Kertzer DI and Fricke T. (1997). Anthropological Demography. University of Chicago Press.
- 3. Basu, A. and P. Aaby (1998). The Methods and the Uses of Anthropological Demography. 329 pp. Oxford, Clarendon Press
- 4. Carter A. (1998). Cultural Models and Demographic Behavior. In The Methods and the Uses of Anthropological Demography edited by Basu A and Aaby P. Oxford: Clarendon Press. pp 246-268.

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तुस वासीवार विशानविष्य , विशानवुर (ध.न.)
Shau Ghasidas Skiwewidakua e, Bilasour (C.D.)

New Course Introduced

Criteria - I (1.2.1)

The meeting ended with thanks to the Chair.

Prof. G.K Chakrabarti External Expert Member Nominated by HVC Dr. Subal Das Member

Koni, Bilaspur - 495009 (C.G.)

B.A./B.Sc. V Semester

Practical in Anthropology in Practice

Paper Code: LS/ANT/C-512P Credit- 2

Practical Credit-2

- 1. The students will visit a NGO or corporate office or census office in Delhi and its adjoining areas and write principal observations on the same.
- 2. Write a project on constitutional provisions or evaluation of any development project/report.
- 3. Draw a scene of crime and identify the various evidences in a portrayed crime scene.
- 4. Write a project on Religious Tourism / Tribal Tourism / Health Tourism / Fashion / Human Rights / Ecotourism.
- 5. Write a project on the demographic profile from secondary data.
- 6. Collect data on bio-social problem and design counselling and give the analysis and

Suggested Readings

- 1. Arya A and Kapoor AK. (2012). Gender and Health Management in Afro-Indian Global Vision Publishing House, New Delhi.
- 2. Kertzer DI and Fricke T. (1997). Anthropological Demography. University of Chicago Press.
- 3. Basu, A. and P. Aaby (1998). The Methods and the Uses of Anthropological Demography. 329 pp. Oxford, Clarendon Press
- 4. Carter A. (1998). Cultural Models and Demographic Behavior. In The Methods and the Uses of Anthropological Demography edited by Basu A and Aaby P. Oxford: Clarendon Press. pp 246-268.
- 5. Census of India (2001, 2011) and National Family Health Survey (2006,2010). 6. Ervic, Alxander M., (2000). Applied Anthropology: Tools and Perspectives for Contemporary Practise, Boston, MA: Allyn and Bacon.
- 7. Erwin A. (2004). Applied Anthropology Tools and Practice, Allyn and Bacon.
- 8. Gupta S and Kapoor AK. (2009). Human Rights among Indian Populations: Knowledge, Awareness and Practice. Gyan Publishing House, New Delhi.
- 9. Willen SS. (2012). Anthropology and Human Rights: Theoretical Reconsiderations and Phenomenological Explorations. Journal of Human Rights. 11:150–159.
- 10. Goodale M. (2009). Human Rights: An Anthropological Reader. Wiley Blackwell.
- 11. Gupta S and Kapoor AK. (2007). Human Rights, Development and Tribe. In: Genes, Environment and Health Anthropological Prespectives. K. Sharma, R.K. Pathak, S.

Mehra and Talwar I (eds.). Serials Publications, New Delhi. 12. Margaret AG. (2003). Applied Anthropology: A Career-Oriented Approach, Boston,

MA: Allyn and Bacon.

- 13. Halbar BG and Khan CGH. (1991). Relevance of Anthropology The Indian Scenario. Rawat Publications, Jaipur.
- 14. Kapoor AK (1998). Role of NGO's in Human Development: A Domain of Anthropology. J Ind Anthrop Soc; 33:283-300

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मानव विशान एवं जननातीय विकास विभाग
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मुक मार्तीव्या विशाविद्यालय, विसारपुर (ध.स.)
Suru Ghasidas Visilwavidyalaya, Bilaspur (C.G.)

New Course Introduced Criteria – I (1.2.1)

Prof. G.K. Chakrabarti
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Dr. Subal Das Member

B.A./B.Sc. V Semester

ELECTIVE COURSES

Credits: Any four papers = Theory +Practical = (4+2)*4 = 24

DSE-1: Sports Anthropology

Unit I:

Anthropology of sports- Physical fitness, component of physical fitness

Unit II:

Physical conditioning, training-techniques and physiological effects, environmental effects on physical performance: effect of heat stress, cold stress and high altitude on physiological response and performance.

Unit III:

Body composition and Athletes, sports selection and monitoring

Unit IV:

Human biological variability, health and nutrition; doping and performance; cultural constructions and physiologic implications of food across time, space and society; an integrated bio-behavioural perspective towards food preference.

Practical in Sports Anthropology

- 1. Assessment of daily nutrient intake
- 2. Evaluate association of nutritional status and physical performance
- 3. Demonstrate cultural perspective for preference of specific food of a population

Suggested Readings

- 1. Stinson S. (1992). Nutritional Adaptation. Annual Review of Anthropology 21:143-170.
- 2. Brughart R. (1990). The Cultural Context of Diet, Disease and the Body. In Diet and Disease in Traditional and Developing Societies. GA Harrison and JC Waterlow, eds. P. 307-325. Cambridge University Press. Cambridge.
- 3. Rozin P. (1987). Psychobiological Perspectives on Food Preferences. In Food and Evolution: Toward a Theory of Food Habits. M. Harris and EB Ross (eds.). Temple University Press. Philadelphia, pp. 181-205.
- 4. Quandt SA. (1987). Methods for Determining Dietary Intake. In Nutritional Anthropology. FE Johnston, ed. Pp. 67-84. Liss. NY.
- 5. Ulijasek SJ and Strickland SS. (1993). Introduction. In Nutritional Anthropology: Prospects and Perspectives. Pp. 1-5. Smith Gordon. London

दिमागाध्यक्ष/H.O.D. मानव विद्यान एवं जनजातीय विकास विभाग Department of Antinopology & T.D. कुम भारीधार विशेषात्रक, विकासपुर (छ.म.) इस भारीधार विशेषात्रक, विकासपुर (छ.म.)

New Course Introduced Criteria – I (1,2,1)

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Dr. Subal Das Member Dr. N. Panigrahl

B.A./B.Sc. V Semester

DSE-2: Advanced Human Genetics

Unit I:

Structure, Function and Inheritance of the human genome- gene, DNA structure and replication, DNA repair and recombination, gene expression, coding and non-coding region **Unit II:**

Expression of genetic information: from Transcription to Translation – the relationship between genes and protein, transcriptions; transcription and RNA processing, encoding genetic information, decoding the codons: the role of transfer RNAs

Unit III:

Genomic Variation: Genomic Polymorphisms (SNPs, VNTR, CNVs, etc); haplotypes and haplogroups; genotype-phenotype correlations, epigenetic

Unit IV: Methods of Genetic Study in Human: Pedigree analysis and expressivity; Chromosomal Basis of Genetic Disorders (Karyotypes and identification of chromosome variation; Nucleic Acid Hybridization Assays, cytogenetic mapping), Genetic mapping(Microsatellite and other DNA polymorphisms), LOD score; sequencing strategies (PCR based Sanger sequencing to Exome sequencing), concept of non-mendelian inheritance and complex diseases

Unit V: Genomic Diversity & Human Evolution

1. Peopling of the Indian Subcontinent: Evidence from mtDNA and Y-chromosome; evolutionary genetics; Molecular evolution; DNA sequence variation and human origins

Practical in Advanced Human Genetics

- 1. Blood Collection, transportation and storage in field
- 2. DNA Extraction from whole blood
- 3. DNA Quantification, Aliquoting and sample preparation
- 4. PCR and electrophoresis
- 5. Gel Documentation

Suggested Readings:

- 1. Strachan T and Read AP. (2004). Human Molecular Genetics. Garland Science
- 2. Brown TA. (2007). Genomes. Garland Science.
- 3. Griffiths AJF. (2002). Modern Genetic Analysis: Integrating Genes and Genomes. WH Freeman Press.
- 4. Griffiths AJF, Wessler SR, Carroll SB, Doebley J. (2011). An Introduction to Genetic Analysis. Macmillan Higher Education.
- 5. Cavalli-sforza LL, Menozzi P, Piazza A (1994). History and Geography of Human Genes. Princeton University.
- 6. Giblett, ER. (1969). Genetic Markers in Human Blood. Blackwell Scietific, Oxford.
- 7. Cummings MR (2011). Human Heredity: Principles and Issues. Brooks/Cole, Cengage Learning
- 8. Jobling M, Hurls M and Tyler-Smith C. (2004). Human Evolutionary Genetics: Origins, Peoples & Disease. New York: Garland Science.

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New Course Introduced Criteria – I (1,2,1)

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B.A./B.Sc. VI Semester

Applied Biological Anthropology

Paper Code: LS/ANT/C-613L

Credit- 4

UNIT-1

Medical Anthropology: Meaning and Scope, Theories of Medical Anthropology: Socio-Cultural perspective, Bio-cultural perspective, Critical Medical Anthropology.

UNIT-2

Concept and Interpretation of Health, Illness and Disease: Socio-cultural and Bio-medical perspectives, Medical Pluralism and Syncretism, Ethno-medicine, Medical systems in India, Tribal health and ethno medicine.

UNIT-3

Nutritional Anthropology: concept and definition. Nutrition policy in India, Child health and nutrition programmes in India.

UNIT-4

Human nutrition: food, diet, nutrition, and metabolism (definitions only); the basic nutrients micro-, and macronutrients—their sources and utility;

UNIT-5

Malnutrition: over-, and under-nutrition, malnutrition—their evaluation and general consequences. Nutritional adaptation in man

Suggested Readings:

- 1. Bass W.M. (1971). Human Osteology: A Laboratory and Field manual of the Human Skeleton. Columbia: Special Publications Missouri Archaeological Society.
- 2. Black S. and Ferguson E. (2011). Forensic Anthropology 2000 to 2010. CRC Press, London.
- 3. Byers, S. N. (2008). Forensic Anthropology. Boston: Pearson Education LTD.
- 4. Gunn A. (2009) Essential Forensic Biology (2nd ed). Chichester: Wiley-Blackwell
- 5. Modi, R. B. J. P. (2013). A Textbook of Medical Jurisprudence and Toxicology. Elsevier.

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सुस प्रतिक्षत विकास विभाग
(Basis Stateward) अधिक (Basis) (C.G.)

New Course Introduced Criteria – I (1,2,1)

The meeting ended with thanks to the Chair.

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Dr. Subal Das Member

B.A./B.Sc. VI Semester

Practical in Applied Biological Anthropology

Paper Code: LS/ANT/C-613P

Credit-2

Unit I: Techniques of taking basic Somatometric Measurements: Height, Weight,

Waist circumference, Hip circumference;

Unit II: Estimation of Body Mass Index (BMI), Waist Hip Ratio (WHR), Waist Height

Ratio (WHTR) and classification of obesity.

Unit III: Skinfold Measurement: Bicep, Tricep, Sub-scapular and Supra-iliac skinfold.

Unit IV: Estimation of Adult Body Composition: Percent Body Fat (PBF), Body Mass

Abdominal Index (BMAI), Body Adiposity Index (BAI);

Unit V: Subcutaneous Fat; Visceral Fat; Skeletal Muscle Percentage

Practical Record

Viva Voce

Suggested Readings

- 1. Singh I. P. & Bhasin M. K. (1989) A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Delhi.
- 2. Mukherjee, D., Mukherjee, D., & Bharati, P. (2009) Laboratory Manual for Biological Anthropology. Asian Book Private Limited, New Delhi.
- 3. Das B.M. and Deka R. Physical Anthropology Practical. Kitab Mahal, Allahabad, U.P.
- 4. Ulijaszek S.J., and Mascie-Taylor C.G.N. Anthropometry: the individual and the population.
- 5. Das, B. M. Outlines of Physical Anthropology. New Delhi.
- 6. Galton F. (1884) Anthropometric Laboratory. London (Also in J. Anthrop. Inst., (Lond.) 1884, 14, 205).

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(Absolets Metapolitedum Allgrenu (C.C.)

New Course Introduced Criteria – I (1,2,1)

The meeting ended with thanks to the Chair.

Prof. G.K Chakrabarti
External Expert Member
Nominated by HVC

Dr. Subal Das Member

Koni, Bilaspur - 495009 (C.G.)

B.A./B.Sc. VI Semester

Indian Anthropology

Paper Code: LS/ANT/C-614L

Credit-4

Unit I:

- 1. Origin, history and development of Anthropology in India, approaches to study Indian society and culture- traditional and contemporary
- 2. Racial and linguistic elements in Indian population
- 3. Understanding the diversity of Indian social structure concept of Varna, Jati, Caste, Ashram or purusharatha, gender hierarchies their economic and cultural impact, origin and evolution of social structures and their underlying philosophies.

Unit II:

- 1. Critical appraisal of contribution of Risley, Guha, Rickstett and Sarkar towards understanding ethnic distinctness in the Indian populations
- 2. Contribution of contemporary biological, social and archaeological anthropologists in India.

Unit III:

- 1. Aspects of Indian Village –social organisation, agriculture and impact of market economy on villages
- 2. Tribal situation in India- biogenetic variability, linguistic and socio-economic characteristics; Problems of tribal peoples, land-alienation, indebtedness, lack of educational facilities, shifting-cultivation, migration, forests and tribal unemployment, health and nutrition, tribal movement and quest for identity
- 3. Developmental projects- tribal displacements and rehabilitation problem

Unit IV:

Impact of culture-contact, urbanization and industrialization on tribal and rural population; Basic concepts -Great tradition and little tradition, sacred complex, Universalization and parochialization, Sanskritization and Westernization, Dominant caste, Tribe-caste continuum, Nature-Man-Spirit complex, pseudotribalism,

Unit V:

- 1. Problems of exploitation and deprivation of scheduled caste/ tribe and Other Backward Classes
- **2.** Constitutional safeguards for the Scheduled caste and scheduled tribes.

Suggested Reading

- 1. Nicholas D. (2001). Castes of Mind: Colonialism and the Making of Modern India. Princeton University Press.
- 2. Bernard CS. (2000). India: The Social Anthropology of Civilization. Delhi: Oxford University Press.

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New Course Introduced Criteria – I (1.2.1)

Prof. G.K Chakrabarti
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Dr. Subal Das Member Dr. N. Panigrahl

B.A./B.Sc. VI Semester

Practical in Indian Anthropology

Paper Code: LS/ANT/C-614P

Credit- 2

- 1. Identify various traits/variables which can be used in racial classification and comment on its relevance.
- 2. Review a book/edited volume on Indian social structure such as caste, religion, tribe or rural population and give its salient features.
- 2. Explore the biological diversity of any population group considering a minimum of five genetic traits.
- 3. Highlight the contributions of any two contemporary Indian anthropologists.

Suggested Reading

- 1. Nicholas D. (2001). Castes of Mind: Colonialism and the Making of Modern India. Princeton University Press.
- 2. Bernard CS. (2000). India: The Social Anthropology of Civilization. Delhi: Oxford University Press.
- 3. Bhasin MK, Watter H and Danker-Hopfe H. (1994). People of India An Investigation of Biological variability in Ecological, Ethno-economic and Linguistic Groups. Kamla Raj Enterprises, Delhi
- 4. Lopez DS. (1995). Religions of India in Practice. Princeton University Press
- 5. Gupta D. Social Stratification. Delhi: Oxford University Press.
- 6. Karve I. (1961). Hindu Society: An Interpretation. Poona: Deccan College
- 7. Guha BS. (1931). The racial attributes of people of India. In: Census of India, 1931, vol I, Part III (BPO, Simla)
- 8. Trautmann TR (2011). India: Brief history of Civilization. Oxford University Press: Delhi
- 9. Vidyarthi LP and Rai BK. (1976). The tribal culture of India. Concept Publishing Co, Delhi.
- 10. Haddon AC. (1929). Races of man. Cambridge University, London.
- 11. Kapoor A.K. (1992). Genetic Diversity among Himalayan Human Populations. M/S Vinod Publishers, Jammu
- 12. Majumdar DN. (1901). Races and Culture of India. Asia Publishing House, Bombay
- 13. Dube SC. (1992). Indian Society. National Book Trust, India: New Delhi.
- 14. Dumont L. (1980). Homo Hierachicus. University of Chicagon Press.
- 15. Guha B.S. (1931). The racial attributes of people of India. In: Census of India, 1931, vol I, Part III (BPO, Simla)
- 16. Malhotra K.C. (1978). Morphological Composition of people of India. J. Human Evolution.

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New Course Introduced Criteria – I (1.2.1)

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Koni, Bilaspur - 495009 (C.G.)

B.A./B.Sc. VI Semester

DSE-3: Anthropology of Religion, Politics and Economy

Unit I:

Anthropological approaches to understand religion- magic, animism, animatism, totemism, naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics; Overview of Anthropological Theories of Religion; Religion as the sacrality of ecological adaptation and socialness

Unit II:

Economic institutions: principles of production, distribution, and consumption in simple and complex societies; critical examination of relationship between economy and society through neo-classical, substantivist, and neo-marxist approaches, various forms of exchange: barter, trade and market; Forms of currencies; reciprocities: generalized, balanced and negative.

Unit III:

Political institutions: concepts of power and authority; types of authority; state and stateless societies; law and justice in simple and complex societies; the prospects for democracy and tolerance among and within the world's diverse civilizations; the meaning and sources of identity in complex contemporary societies; the origins of modern politics, its institutions, and cultures, both Western and non-Western

Unit IV:

Interrelationship between religion, politics and economy; religious conversion and movements, emergence of new religious sects in the global order.

Practical

Case study of any of the social institute (religion, economic, political) with respect to culture perspective

Suggested Readings:

- **1.** Durkheim E. (1986). The elementary forms of the religious life, a study in religious sociology. New York:Macmillan.
- 2. Benedict A. (2006). Imagined Communities: Reflections on the Origin and Spread of Nationalism. Verso
- 3. Gledhill J. (2000). Power and Its Disguises: Anthropological Perspectives on Politics. 2nd ed. London: Pluto Press.
- 4. Ellis F. (2000). A framework for livelihood analysis. In Rural Livelihoods and Diversity in Developing Countries . Oxford: Oxford University Press.
- 5. Henrich J, Boyd R, Bowles S, Camerer C, Fehr E, Gintis H, McElreath R, Alvard M et al. (2005). 'Economic Man' in cross-cultural perspective: Behavioral experiments in 15 small-scale societies. Behavior and Brain Science. 28(6):795-815;
- 6. Henrich J. (2002). Decision-making, cultural transmission, and adaptation in economic anthropology. In: J. Ensminger (Ed.), Theory in Economic Anthropology (pp. 251-295). Walnut Creek, CA: Altamira Press.
- 7. Lambek. M. (2008) A Reader in the Anthropology of Religion.
- 8. Eller JD. (2007). Introducing Anthropology of Religion. New York: Routledge.
- 9. Glazier SD. (1997). Anthropology of Religion: A Handbook. Westport, CT: Greenwood Press.
- 10. Frick GD and Langer R. (2010). Transfer and Spaces. Harrassowitz (Germany).

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New Course Introduced Criteria – I (1.2.1)

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Dr. Subal Das

B.A./B.Sc. VI Semester DSE-4: Anthropology of Social Movement

Unit 1

Social Movements: Definition, nature and Theories of Social Movements. Anthropological approaches towards social movement.

Unit 2

Social Movements during British Period: The Santhal Insurrection 2. The Munda Rebellion 3. Gond Rebellion 4. The Bodo Movement 5. Jharkhand Movement

Unit 3

Social Movements after Independence

- a. Displacement Related: Narmada Banchao Movement, Tehri Movement, Posco Movement
- b. Natural Resource Rights Related: Niyamgiri Movement, Forest Rights Movement
- c. Environment Related : Chipko Movement, Salient Valley Movement, Aapiko Movement

Practical

Students need to prepare a project report in terms of historical context, nature, scale, course of actions, consequences, impact on society on any three movement; Submission of the report [preferably as clearly handwritten] and viva-voce.

Suggested Readings:

Baviskar, A. 1995. In the Belly of River: Tribal Conflicts over Developemen in the Narmada Valley. Oxford University Press.

Bose Mullick, S. 2003. *The Jharkhand Movement*. IWGIA Document No. 108. Copenhagen.

Madhav Gadgil, Ramachandra Guha, *This Fissured Land: An Ecological History of India*, Oxford University Press, Delhi 1996

Chittaranjan Kumar Paty, *Forest, Government, and Tribe*, (ed) Concept Publishing Company, 2007.

Rao, M.S.A. 1979. Social Movements in India Vol. II. New Delhi: Manohar.

Singh, K. S. 1992. Tribal Movements in India. New Delhi: Manohar.

Sundar, N. 2007. Subalterns and Sovereigns: An Anthropological History of Bastar, 1854-2006. Oxford University Press, New Delhi

T. K. Oommen, Social Movements: Issues of identity, Oxford University Press, 2010

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New Course Introduced Criteria – I (1.2.1)

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